

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently amended) A filter device ~~(10), particularly for use with an agricultural sprayer,~~ comprising, a casing **[(20)]** with a bottom end **[(24)]** and an upper open end **[(23)]**, a liquid inlet **[(27)]** and a liquid outlet **[(25)]**, at least said liquid inlet **[(27)]** being arranged at said bottom end **[(24)]**, a moveable lid **[(60)]** for ~~releaseable~~ releasably covering said casing **[(20)]** at said upper open end **[(23)]**, a valve structure **[(30)]** arranged at said bottom end **[(24)]** and being movable between a first position wherein said liquid inlet **[(27)]** is open and a second position wherein said liquid inlet **[(27)]** is blocked, and a filter element **[(100)]** including a mesh-like filtering medium ~~(F)~~ and, said filter element being releasably arranged within said casing **[(20)]** for filtering liquid flowing from said liquid inlet **[(27)]** to said liquid outlet **[(25)]**, ~~said filter element~~ and **[(100)]** being located between said valve structure **[(38)]** and said lid **[(68)]**, wherein movement of said lid causes movement of said valve structure between said first position and said second position, and wherein said lid is releasable from said casing only when said valve structure is in said second position and said liquid inlet is blocked by said valve structure.

2. (Currently amended) **[[A]]** The filter device **[(10)]** according to claim 1, including seals ~~(102, 106)~~ for sealing said filter element **[(100)]** against said valve structure **[(30)]** and against said lid **[(60)]**, respectively.

3. (Currently amended) **[[A]]** The filter device **[[10]]** according to claim 1 or 2, wherein said liquid outlet **[[25]]** ~~being~~ is arranged at said bottom end **[[24]]** of said casing **[[20]]**.

4. (Currently amended) **[[A]]** The filter device **[[10]]** according to claim 3, wherein said valve structure ~~(30) being~~ is configured to block said liquid outlet **[[25]]** in said second position of said valve structure **[[30]]**.

5. (Currently amended) **[[A]]** The filter device **[[10]]** according to ~~claims~~ claim 1 or 2, wherein said lid ~~(60) being~~ is releasably connected to said filter element **[[100]]** and said filter element **[[160]]** ~~being~~ is connected to said valve structure **[[30]]**.

6. (Currently amended) **[[A]]** The filter device **[[10]]** according to claim 1 or 2, wherein said filter element **[[100]]** ~~having~~ has a lower end **[[103]]** and an upper end **[[101]]** and ~~including~~ includes an essentially rigid elongated structure ~~(445, 420)~~ supporting said mesh-like filtering medium **[[F]]**, said filter element **[[100]]** being essentially tubular and including an internal axial flow passage wherein said liquid flows, said filter device **[[10]]** including an annular space **[[8]]** between said filter element **[[100]]** and said casing **[[20]]**.

7. (Currently amended) **[[A]]** The filter device **[[10]]** according to claim 1 or 2, wherein said filter element ~~(400) being~~ is connected to said lid **[[80]]** such that said filter element **[[100]]** is removed from the casing when said lid **[[80]]** is ~~removed~~ released from the casing.

8. (Currently amended) **[[A]]** The filter device according to claim 1,
wherein said lid includes a gripping handle. (10), particularly for use with an agricultural
sprayer; comprising

a casing (20) with a bottom end (24) and an upper open end (28), a liquid inlet
(27) and a liquid outlet (25), at least said liquid inlet (27) being arranged at said bottom
and (24),

a lid (60) for releasable covering said casing (20) at said upper end (23),

a valve structure (30) arranged at said bottom end (24) and being movable
between a first position wherein said liquid inlet (27) is open and a second position
wherein said liquid inlet (27) is blocked,

a filter element (100) including a mesh-like filtering medium (F) and being
releasably arranged within said casing (20), for filtering liquid flowing from said liquid
inlet (27) to said liquid outlet (25),

said filter element (100) being between said valve structure (30) and said lid (60),

wherein manipulation of said lid (60) causes movement of said valve structure
(30) between said first position and said second position.

9. (Currently amended) **[[A]]** The filter device according to claim **[[8]]**1,
[[and]] including **[[a]]** coupling means for whereby said lid (60) is coupling said lid
mechanically coupled to said valve structure (30) such so that release of said lid **[[60]]**
from said casing **[[20]]** moves said valve structure (30) between from said first position
[[and]] to said second position.

10-15. (Cancelled).

16. (Currently amended) A filter device (10), ~~particularly for use with an agricultural sprayer,~~ comprising, a casing [(20)] with a bottom end [(24)] and an upper open end [(23)], a liquid inlet [(27)] and a liquid outlet [(25)], at least said liquid inlet [(27)] being arranged at said bottom end [(24)], a moveable lid [(60)] for ~~releasable~~ releasably covering said casing [(20)] at said upper open end [(23)], a valve structure [(30)] arranged at said bottom end [(24)] and being movable between a first position wherein said liquid inlet [(27)] is open and a second position wherein said liquid inlet [(27)] is blocked, and a filter element [(100)] including a mesh-like filtering medium ~~(F) and, said filter element~~ being releasably arranged within said casing [(20)] for filtering liquid flowing from said liquid inlet [(27)] to said liquid outlet [(25)], ~~said filter element and [(100)]~~ being located between said valve structure [(30)] and said lid [(60)], said valve structure [(30)] being rotatable about an axis [(2)] extending between said upper open end [(23)] and said bottom end [(24)], between said first position and said second position of said valve structure [(30)], and said lid [(60)] being rotatable about said axis [(2)], ~~and a coupling whereby said lid (60) is coupled to said valve structure (30) such, wherein said lid is coupled to said filter element and said filter element is coupled to said valve structure so that rotational movement of when~~ said lid [(60)] is rotated about said axis [(2)], ~~imparts a rotation of~~ said valve structure [(30)] is rotated about said axis [(2)] between said first position and said second position by said filter element.

17. (Currently amended) **[[A]]** The filter device [(10)] according to claim 16, including seals ~~(102, 106)~~ for sealing said filter element [(100)] against said valve structure [(30)] and against said lid [(60)], respectively.

18. (Currently amended) **[[A]]** The filter device **[[(10)]]** according to ~~claims claim~~ 16 or 17, wherein said liquid outlet **[[(25)]]** ~~being~~ is arranged at said bottom end **[[(24)]]** of said casing **[[(20)]]**.

19. (Currently amended) **[[A]]** The filter device **[[(10)]]** according to claim 18, wherein said valve structure ~~(30) being~~ is configured to block said liquid outlet **[[(25)]]** in said second position of said valve structure **[[(30)]]**.

20. (Currently amended) **[[A]]** The filter device **[[(10)]]** according to ~~claims claim~~ 16 or 17, wherein said lid ~~(60) being~~ is adapted to engage and disengage said casing **[[(20)]]** through said rotation of said lid **[[(60)]]** about said axis **[[(2)]]**.

21. (Currently amended) **[[A]]** The filter device **[[(10)]]** according to ~~claims claim~~ 16 or 17, wherein said lid ~~(60) being coupled to said filter element (100) and said filter element (100) being coupled to said valve structure (30) to thereby define said coupling~~ includes a gripping handle.

22. (Currently amended) **[[A]]** The filter device **[[(10)]]** according to claim ~~[[21]]~~16, wherein said filter element ~~(100) being~~ is releasably coupled to said lid **[[(60)]]** and/or said valve structure **[[(30)]]**.

23. (Currently amended) **[[A]]** The filter device **[[(10)]]** according to ~~claims claim~~ 16 or 17, wherein said filter element ~~(100) having~~ has a lower end **[[(103)]]** and an upper end **[[(101)]]** and ~~including~~ includes an essentially rigid elongated structure ~~(115, 120)~~ supporting said mesh-like filtering medium **[[(F)]]**, said filter element **[[(100)]]** including an internal axial flow passage wherein said liquid flows.

24. (Currently amended) **[[A]]** The filter device **[[10]]** according to claim 23, wherein said filter element ~~(100)~~ being is essentially tubular, and said filter device ~~(10)~~ including includes an annular space **[[S]]** between said filter element **[[100]]** and said casing **[[20]]**.

25. (Currently amended) **[[A]]** The filter device according to claim 23 ~~or~~ 24, wherein said valve structure ~~(30)~~ including includes a first chamber **[[X]]** having an entry port **[[45]]** and communicating in said first position of said valve structure **[[30]]** with said liquid inlet **[[27]]** and said internal passage of said filter element **[[100]]**.

26. (Currently amended) **[[A]]** The filter device according to claim 24 ~~or~~ 25, wherein said valve structure ~~(30)~~ including includes a second chamber **[[Y]]** having an exit port **[[40]]** and communicating in said first position of said valve structure **[[30]]** with said liquid outlet **[[25]]** and with said space **[[S]]**.

27. (Currently amended) **[[A]]** The filter device according to claim 1, wherein said filter element ~~(100)~~ including includes a valve **[[110]]** at a bottom end **[[103]]** thereof, said valve **[[110]]** being adapted to close upon release of said filter element **[[100]]** from said casing **[[20]]**.

28. (Cancelled).

29. (Currently amended) **[[A]]** The filter device according to claim 16, wherein said filter element ~~(100)~~ including includes a valve **[[110]]** at a bottom end **[[103]]** thereof, said valve **[[110]]** being adapted to close upon release of said filter element **[[100]]** from said casing **[[20]]**.

30. (New) A filter device comprising, a casing with a bottom end and an upper open end, a liquid inlet and a liquid outlet, at least said liquid inlet being arranged at said

bottom end, a lid for releasably covering said casing at said upper open end, means for removing said lid from said casing by rotation of said lid with respect to said casing, a valve structure arranged at said bottom end and being moveable between a first position wherein said liquid inlet is open and a second position wherein said liquid inlet is blocked, and a filter element including a mesh-like filtering medium, said filter element being releasably arranged within said casing for filtering liquid flowing from said liquid inlet to said liquid outlet, and being located between said valve structure and said lid, wherein rotation of said lid to remove the lid causes movement of said valve structure from said first position to said second position.

31. (New) The filter device according to claim 9, wherein said coupling means comprises a complementary engagement device between said lid and said filter element and a complementary engagement device between said filter element and said valve structure, so that movement of said lid causes said movement of said valve structure.

32. (New) The filter device according to claim 16 or 30, wherein said filter element is coupled to said lid by complementary engagement means and said filter element is coupled to said valve structure by complementary engagement means, wherein rotation of said lid causes said movement of said valve structure.